

This question paper contains **2** printed pages]

CD—12—2016

FACULTY OF COMPUTER STUDIES

B.Sc. (NT) (First Year) (Second Semester) EXAMINATION

OCTOBER/NOVEMBER, 2016

NETWORK TECHNOLOGY

(Linux Operating System)

(Monday, 21-11-2016)

Time : 10.00 a.m. to 1.00 p.m.

Time—Three Hours

Maximum Marks—80

N.B. :— (i) Attempt *All* questions.

(ii) Assume suitable data, if necessary.

(iii) Figures to the right indicate full marks.

1. Attempt the following : 20

(a) Flavors of linux

(b) Explain n editor

(c) M tools in Linux

(d) Changing user information.

2. (a) Explain file system in Linux. 8

(b) Describe backup and restoring file in Linux. 7

Or

(c) Explain installation steps of Linux. 8

(d) Explain communication commands in Linux. 7

3. (a) Explain the following commands : 8

(i) grep

(ii) cut

(iii) su

(iv) gzip, gunzip

(b) Explain managing users and groups in Linux. 7

P.T.O.

Or

- (c) Explain network configuration tools in Linux. 8
- (d) Explain the following commands : 7
- (i) at
- (ii) mount
- (iii) ls
- (iv) passwd.
4. (a) Explain DHCP in detail. 8
- (b) Explain managing software with RPM. 7
- Or*
- (c) Explain printer related commands. 8
- (d) Explain permissions in Linux. 7
5. Write short notes on (any *three*) : 15
- (i) M tools and dd commands
- (ii) Linux kernel
- (iii) Files and directory commands
- (iv) Performing system maintenance
- (v) Reading documentation.